

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) Sterilisation chamber for use in ~~a sterilisation~~ an autoclave device including a housing, pressure means, and display means, said sterilisation chamber comprising;

a front ~~portion~~ planar wall surface including a front opening for allowing access to said chamber, a rear ~~portion~~ planar wall surface, and a chamber body portion disposed therebetween, said sterilisation chamber being adapted to enclose goods to be sterilized during a sterilisation process,

wherein said sterilisation chamber is releasably fastened within the ~~sterilization~~ autoclave device by releasably connecting the front ~~portion~~ wall surface and the rear ~~portion~~ wall surface directly to the housing of the ~~sterilisation~~ autoclave device, said sterilisation chamber comprising at least an inlet integrally formed with said chamber for releasable connection to a sterilant source from the ~~sterilisation~~ autoclave device, wherein an interior of said sterilisation chamber is pressurized during the sterilisation process so as to define a sealed pressure chamber,

and wherein said sterilisation chamber comprises a self supported structure being essentially manufactured from a polymeric material.

2. (Original) Sterilisation chamber according to claim 1, wherein said chamber is manufactured from an injection-mouldable material.

3. (Previously Presented) Sterilisation chamber according to claim 2, wherein a reinforced material is included in said injection-mouldable material.

4. (Previously Presented) Sterilisation chamber according to claim 2, wherein a reinforcement material, such as a rowing weave material is arranged around said injection moulded material, forming an outer layer of said chamber.

5. (Previously Presented) Sterilisation chamber according to claim 2, wherein said injection-mouldable material essentially is a polyamide material.

6. (Original) Sterilisation chamber according to claim 1, wherein said chamber is manufactured from a composite material.

7. (Original) Sterilisation chamber according to claim 6, wherein said composite material comprises a carbon fibre rowing weave and a concatenating polymer material.

8. (Original) Sterilisation chamber according to claim 7, wherein said concatenating polymer material is an epoxy material.

9. (Original) Sterilisation chamber according to claim 6, wherein said composite material comprises a glass fibre rowing weave and a concatenating polymer material.

10. (Previously Presented) Sterilisation chamber according to claim 9, wherein said concatenating polymer material is selected from the group consisting of polyvinyl, isopolyester and orthopolyester material.

11. (Previously Presented) Sterilisation chamber according to claim 1, wherein said chamber is releasably mountable in said sterilisation device.

12. (Previously Presented) Sterilisation chamber according to claim 1, wherein said chamber is essentially manufactured in one continuous piece.

13. (Previously Presented) Sterilisation chamber according to claim 12, wherein components comprising at least one of inlets and outlets for steam, moisture and the like, are integrally formed with said chamber.

14. (Previously Presented) Sterilisation chamber according to claim 12, wherein said chamber is sealing closed by a movable sealing chamber door on the sterilization device.

15. (Previously Presented) Sterilisation device, being provided with a sterilisation chamber, in which a sterilisation process is intended to be performed, wherein said chamber is as described in claim 1.

16. (Previously Presented) Sterilisation chamber according to claim 3, wherein a reinforcement material, such as a rowing weave material is arranged around said injection moulded material, forming an outer layer of said chamber.

17. (Previously Presented) Sterilisation chamber according to claim 3, wherein said injection-mouldable material essentially is a polyamide material.

18. (Previously Presented) Sterilisation chamber according to claim 4, wherein said injection-mouldable material essentially is a polyamide material.

19. (Previously Presented) Sterilisation chamber according to claim 2, wherein said chamber is releasably mountable in said sterilisation device.

20. (Previously Presented) Sterilisation chamber according to claim 14, wherein said chamber is provided with a pair of integrally formed tracks, in which the sealing chamber door may be slidably mounted, wherein when said releasably fastened chamber is removed from the sterilization device said tracks are also removed therewith.